PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/753,895

Confirmation No. : 8170

Applicants: Donald M. Morgan and Gregg A. Blodgett

Filed : January 8, 2004 Attorney Docket No.: 501130.02 (30157/US/2)

Customer No.

: 27,076

Art Unit

: 2824

Examiner: Andrew Q. Tran

Title

: METHOD AND SYSTEM FOR LOW POWER REFRESH OF DYNAMIC

RANDOM ACCESS MEMORY

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop RCECommissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449. Copies of the cited U.S. patents and U.S. patent application publications will not be submitted herewith in accordance with the waiver by the Office of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for U.S. national patent applications filed after June 30, 2003. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

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Edward W. Bulchis

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EWB:pep

Enclosures:

Postcard Check

Fee Transmittal (+ copy)

RCE (+ copy)

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FORM PTO-1449 (REV.7-80) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

Ise several sheets if necessary)

ATTY. DOCKET NO. 501130.02 (30157/US/2)

APPLICATION NO. 10/753,895

APPLICANT(S)

Donald M. Morgan and Gregg A. Blodgett

FILING DATE

GROUP ART UNIT

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U.S. PATENT DOCUMENTS

<i>A</i>	0.5	PATENT DOCUMENTS			
DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIAT
5,712,795	01/27/98	Layman et al.	364	472	
5,764,562	06/09/98	Hamamoto	365	149	
5,966,736	10/12/99	Gittinger et al.	711	207	
6,049,500	04/11/00	Kajigaya et al.	365	230.02	
6,154,860	11/28/00	Wright et al.	714	718	
6,191,995 B1	02/20/01	Huber et al.	365	230.01	
6,528,974 B1	03/04/03	Mirov et al.	323	267	
6,549,476 B2	04/15/03	Pinney	365	190	
6,580,149 B2	06/17/03	Tran et al.	257	549	
6,608,476 B1	08/19/03	Mirov et al.	324	103	
6,751,159 B2	06/15/04	Farrell et al.	365	238.5	
6,838,331 B2	01/04/05	Klein	438	238	
6,839,300 B2	01/04/05	Cowles et al.	365	230.08	
6,857,457 B2	02/01/05	Cowles et al.	365	230.08	
2004/0243886 A1	12/02/04	Klein	714	42	
	5,712,795 5,764,562 5,966,736 6,049,500 6,154,860 6,191,995 B1 6,528,974 B1 6,549,476 B2 6,580,149 B2 6,608,476 B1 6,751,159 B2 6,838,331 B2 6,839,300 B2 6,857,457 B2	DOCUMENT NUMBER DATE 5,712,795 01/27/98 5,764,562 06/09/98 5,966,736 10/12/99 6,049,500 04/11/00 6,154,860 11/28/00 6,191,995 B1 02/20/01 6,528,974 B1 03/04/03 6,549,476 B2 04/15/03 6,580,149 B2 06/17/03 6,608,476 B1 08/19/03 6,751,159 B2 06/15/04 6,838,331 B2 01/04/05 6,839,300 B2 01/04/05 6,857,457 B2 02/01/05 2004/0243886 A1 12/02/04	DOCUMENT NUMBER DATE NAME 5,712,795 01/27/98 Layman et al. 5,764,562 06/09/98 Hamamoto 5,966,736 10/12/99 Gittinger et al. 6,049,500 04/11/00 Kajigaya et al. 6,154,860 11/28/00 Wright et al. 6,191,995 B1 02/20/01 Huber et al. 6,528,974 B1 03/04/03 Mirov et al. 6,549,476 B2 04/15/03 Pinney 6,580,149 B2 06/17/03 Tran et al. 6,608,476 B1 08/19/03 Mirov et al. 6,751,159 B2 06/15/04 Farrell et al. 6,838,331 B2 01/04/05 Klein 6,857,457 B2 02/01/05 Cowles et al. 2004/0243886 A1 12/02/04 Klein	DOCUMENT NUMBER DATE NAME CLASS 5,712,795 01/27/98 Layman et al. 364 5,764,562 06/09/98 Hamamoto 365 5,966,736 10/12/99 Gittinger et al. 711 6,049,500 04/11/00 Kajigaya et al. 365 6,154,860 11/28/00 Wright et al. 714 6,191,995 B1 02/20/01 Huber et al. 365 6,528,974 B1 03/04/03 Mirov et al. 323 6,549,476 B2 04/15/03 Pinney 365 6,580,149 B2 06/17/03 Tran et al. 257 6,608,476 B1 08/19/03 Mirov et al. 324 6,751,159 B2 06/15/04 Farrell et al. 365 6,838,331 B2 01/04/05 Klein 438 6,857,457 B2 02/01/05 Cowles et al. 365 2004/0243886 A1 12/02/04 Klein 714	DOCUMENT NUMBER DATE NAME CLASS SUBCLASS 5,712,795 01/27/98 Layman et al. 364 472 5,764,562 06/09/98 Hamamoto 365 149 5,966,736 10/12/99 Gittinger et al. 711 207 6,049,500 04/11/00 Kajigaya et al. 365 230.02 6,154,860 11/28/00 Wright et al. 714 718 6,191,995 B1 02/20/01 Huber et al. 365 230.01 6,528,974 B1 03/04/03 Mirov et al. 323 267 6,549,476 B2 04/15/03 Pinney 365 190 6,580,149 B2 06/17/03 Tran et al. 257 549 6,608,476 B1 08/19/03 Mirov et al. 324 103 6,751,159 B2 06/15/04 Farrell et al. 365 238.5 6,838,331 B2 01/04/05 Klein 438 238 6,857,457 B2 02/01/05 Cowles et al. 365 230.08

EXAMINER

DATE CONSIDERED

* EXAMINER:

Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Form P7-27/V1/1/94

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